AUTHOR INDEX TO VOLUME 150

Ahlrichs, R., see H. Horn 150 (1988) 263
Akiyama, K., see S. Niizuma 150 (1988) 429
Al-Hassan, K.A. and T. Azumi, The red edge effect as a tool for investigating the origin of the anomalous fluorescence band of 9,9′-bianthryl in rigid polar polymer matrices 150 (1988) 344
Allan, N.L., see D.L. Cooper 150 (1988) 287
Allavena, M., see Z.D. Hamou-Tahra 150 (1988) 86
Amirav, A., see A. Penner 150 (1988) 243
Andrews, L., see S. Suzer 150 (1988) 13
Apkarian, V.A., see W. Lawrence 150 (1988) 339
Azumi, T., see K.A. Al-Hassan 150 (1988) 344

Balasubramanian, K., Enumeration of the isomers of the gallium arsenide clusters (Ga_mAs_n) 150 (1988) 71
Baranyai, A., see I. Ruff 150 (1988) 473
Barth, S., see C. Jäger 150 (1988) 503
Bartlett, R.J. and J. Noga, The expectation value coupled-cluster method and analytical energy derivatives 150 (1988) 29
Bartlett, R.J., see G.W. Trucks 150 (1988) 37
Bäumler, W. and A. Penzkofer, Isomerization of DODCI in the S_0 ground state 150 (1988) 315
Belmajdoub, A., D. Boudot, C. Tondre and D. Canet, NMR self-diffusion measurements using a radio-frequency field gradient combined with water signal suppression: application to the *pH*-dependent solubilization of hydroxyquinoline in SDS micellar solutions 150 (1988) 194
Bhattacharyya, K., see B. Sarkar 150 (1988) 419
Blackbourn, R.L. and J.T. Hupp, Optical electron transfer processes. The dependence of intervalence line shape and transition energy on chromophore concentration 150 (1988) 399
Blaisten-Barojas, E., see B.K. Rao 150 (1988) 259
Blomberg, M.R.A., C.B. Lebrilla and P.E.M. Siegbahn, The binding of carbonyl to a single palladium atom and to a palladium dimer 150 (1988) 522
Blümich, B., see Y. Yang 150 (1988) 1
Bock, J., see A. Ceulemans 150 (1988) 127
Booth, J.P. and G. Hancock, The radiative lifetime of $CF(A^2\Sigma^+)$ 150 (1988) 457
Borsella, E. and R. Fantoni, State-selective spectroscopic detection of reaction products (SiH_2, Si) in the IR laser decomposition of SiH_4 150 (1988) 542
Boudot, D., see A. Belmajdoub 150 (1988) 194
Bowman, J.M., A. Wierzbicki and J. Zúñiga, Exact vibrational energies of non-rotating H_2O and D_2O using an accurate ab initio potential 150 (1988) 269
Breen, J.J., W.-B. Tzeng, R.G. Keesee and A.W. Castleman Jr., Spectroscopy of phenylacetylene–carbon dioxide clusters 150 (1988) 231
Bronger, W., see H.-H. Schmidtke 150 (1988) 129
Brouard, M., M.T. Martinez, J. O'Mahony and J.P. Simons, Photofragment vector correlations in the vibrationally mediated photodissociation of H_2O_2 150 (1988) 6
Brown, C.E., see Y. Ishikawa 150 (1988) 506

AUTHOR INDEX TO VOLUME 150

Ahlrichs, R., see H. Horn 150 (1988) 263
Akiyama, K., see S. Niizuma 150 (1988) 429
Al-Hassan, K.A. and T. Azumi, The red edge effect as a tool for investigating the origin of the anomalous fluorescence band of 9,9′-bianthryl in rigid polar polymer matrices 150 (1988) 344
Allan, N.L., see D.L. Cooper 150 (1988) 287
Allavena, M., see Z.D. Hamou-Tahra 150 (1988) 86
Amirav, A., see A. Penner 150 (1988) 243
Andrews, L., see S. Suzer 150 (1988) 13
Apkarian, V.A., see W. Lawrence 150 (1988) 339
Azumi, T., see K.A. Al-Hassan 150 (1988) 344

Balasubramanian, K., Enumeration of the isomers of the gallium arsenide clusters (Ga_mAs_n) 150 (1988) 71
Baranyai, A., see I. Ruff 150 (1988) 473
Barth, S., see C. Jäger 150 (1988) 503
Bartlett, R.J. and J. Noga, The expectation value coupled-cluster method and analytical energy derivatives 150 (1988) 29
Bartlett, R.J., see G.W. Trucks 150 (1988) 37
Bäumler, W. and A. Penzkofer, Isomerization of DODCI in the S_0 ground state 150 (1988) 315
Belmajdoub, A., D. Boudot, C. Tondre and D. Canet, NMR self-diffusion measurements using a radio-frequency field gradient combined with water signal suppression: application to the *pH*-dependent solubilization of hydroxyquinoline in SDS micellar solutions 150 (1988) 194
Bhattacharyya, K., see B. Sarkar 150 (1988) 419
Blackbourn, R.L. and J.T. Hupp, Optical electron transfer processes. The dependence of intervalence line shape and transition energy on chromophore concentration 150 (1988) 399
Blaisten-Barojas, E., see B.K. Rao 150 (1988) 259
Blomberg, M.R.A., C.B. Lebrilla and P.E.M. Siegbahn, The binding of carbonyl to a single palladium atom and to a palladium dimer 150 (1988) 522
Blümich, B., see Y. Yang 150 (1988) 1
Bock, J., see A. Ceulemans 150 (1988) 127
Booth, J.P. and G. Hancock, The radiative lifetime of $CF(A^2\Sigma^+)$ 150 (1988) 457
Borsella, E. and R. Fantoni, State-selective spectroscopic detection of reaction products (SiH_2, Si) in the IR laser decomposition of SiH_4 150 (1988) 542
Boudot, D., see A. Belmajdoub 150 (1988) 194
Bowman, J.M., A. Wierzbicki and J. Zúñiga, Exact vibrational energies of non-rotating H_2O and D_2O using an accurate ab initio potential 150 (1988) 269
Breen, J.J., W.-B. Tzeng, R.G. Keesee and A.W. Castleman Jr., Spectroscopy of phenylacetylene–carbon dioxide clusters 150 (1988) 231
Bronger, W., see H.-H. Schmidtke 150 (1988) 129
Brouard, M., M.T. Martinez, J. O'Mahony and J.P. Simons, Photofragment vector correlations in the vibrationally mediated photodissociation of H_2O_2 150 (1988) 6
Brown, C.E., see Y. Ishikawa 150 (1988) 506

Bunker, P.R., see R. Escribano 150 (1988) 60

Canet, D., see A. Belmajdoub 150 (1988) 194
Castleman Jr., A.W., see J.J. Breen 150 (1988) 231
Ceccorulli, G., see G. Giro 150 (1988) 159
Ceulemans, A., B. Coninckx, C. Görller-Walrand, H. Jacobs and J. Bock, The ligand field spectrum of $K_3[Cr(OH)_6]$ 150 (1988) 127
Chan, I.Y. and W.M. Chun, High-resolution optical spectroscopy of benzophenone under high pressure 150 (1988) 437
Chun, W.M., see I.Y. Chan 150 (1988) 437
Coninckx, B., see A. Ceulemans 150 (1988) 127
Cooper, D.L. and N.L. Allan, Topological partitioning of electron densities from spin-coupled wavefunctions 150 (1988) 287
Cotsaris, E., see H. Oevering 150 (1988) 179
Craig, D.C., see A.M. Oliver 150 (1988) 366
Cremer, D., see J. Gauss 150 (1988) 280

Davis Jr., J.G. and V.Y. Young, The effect of variation of molecular geometry of a transition metal oxide cluster on the valence band density of states 150 (1988) 82
Dayton, D.C. and R.E. Miller, The lowest-frequency bending mode (ν_7^1 of HCN–HF from near-infrared laser spectroscopy 150 (1988) 217
De Lange, P.J., B.R. Veenstra and J. Kommandeur, Triply charged water clusters 150 (1988) 227
Di Marco, P.G., see G. Giro 150 (1988) 159
Ding, F.-J., L.-F. Zhang and G.-N. Li, A charge conserving approximation method for quantum chemical calculations 150 (1988) 55
Dombi, G., see Y. Hiltunen 150 (1988) 549
Domcke, W., see R. Schneider 150 (1988) 235
Dore, P., see M. Menghini 150 (1988) 204
Dove, M.T., The elastic constants of the disordered phase of SF_6: a computer simulation calculation 150 (1988) 303
Dulcey, C.S., see J.S. Horwitz 150 (1988) 165

Escribano, R., P.R. Bunker and P.C. Gomez, Ab initio rotational energy levels and internal rotation splittings in protonated acetylene $C_2H_3^+$ 150 (1988) 60
Evleth, E.M., see Z.D. Hamou-Tahra 150 (1988) 86

Fantoni, R., see E. Borsella 150 (1988) 542
Feil, D., see M.P.C.M. Krijn 150 (1988) 45
Feltz, A., see C. Jäger 150 (1988) 503
Feng, Q. and R.E. Wilde, Vibrational dephasing in aqueous KSCN solution. A memory function and stretched exponential study 150 (1988) 424
Feranchuk, I.D. and V.N. T'ok, Analytical approximation for the thermodynamic properties of a diatomic gas 150 (1988) 78
Förner, W., see H. Orendi 150 (1988) 113
Freed, K.F., see H. Sun 150 (1988) 529
Fujii, M., A. Haijima and M. Ito, Predissociation of acetylene in $\tilde{A}\,^1A_u$ state 150 (1988) 380
Fuke, K., see K. Ozawa 150 (1988) 249

Fukuchi, T., see R.F. Wuerker 150 (1988) 443

Gauss, J. and D. Cremer, Analytical evaluation of energy gradients in quadratic configuration interaction theory 150 (1988) 280
George, T.F., see D.A. Jelski 150 (1988) 447
Giro, G., P.G. Di Marco, M. Pizzoli and G. Ceccorulli, Detection of polymer thermal transitions by excimer fluorescence. Poly-N-vinylcarbazole 150 (1988) 159
Glasbeek, M., see P.A. van Leeuwen 150 (1988) 469
Glownia, J.H., see J. Misewich 150 (1988) 374
Gomez, P.C., see R. Escribano 150 (1988) 60
Görller-Walrand, C., see A. Ceulemans 150 (1988) 127
Gormin, D., see J. Heldt 150 (1988) 433
Grein, F., see S.P. Karna 150 (1988) 171
Gründler, W. and P. Walther, A simple non-local FSGO pseudopotential for first-row atoms 150 (1988) 275

Haase, J., H. Pfeifer, W. Oehme and J. Klinowski, Longitudinal NMR relaxation of ^{27}Al nuclei in zeolites 150 (1988) 189
Hackett, P.A., see Y. Ishikawa 150 (1988) 506
Hagemeyer, A., see Y. Yang 150 (1988) 1
Hahn, J.H., see R. Zenobi 150 (1988) 361
Haijima, A., see M. Fujii 150 (1988) 380
Hall, G.G. and Y. Mizukami, A new method of calculating the spin density of trapped muonium in diamond 150 (1988) 23
Hamou-Tahra, Z.D., E. Kassab, M. Allavena and E.M. Evleth, Theoretical characterization of the intrinsic barrier for cationic SN_2 methyl transfer between oxygen centers 150 (1988) 86
Hancock, G., see J.P. Booth 150 (1988) 457
Harrison, J.A., R.F. Meads and L.F. Phillips, Kinetics of reactions of BH with NO and C_2H_4 150 (1988) 299
Heldt, J., D. Gormin and M. Kasha, The triple fluorescence of benzanilide and the dielectric medium modulation of its competititve excitation 150 (1988) 433
Hemmerling, B. and M. Vervloet, Hyperfine structures in NH_2 investigated by polarization spectroscopy 150 (1988) 464
Herman, M.F. and J.K. Rudra, A simple coarse-graining technique for the Monte Carlo evaluation of highly oscillatory integrals 150 (1988) 535
Higuchi, J., see A. Muramoto 150 (1988) 325
Hiltunen, Y., J. Jokisaari, J. Lounila, A. Pulkkinen and G. Dombi, NMR geometry and interaction parameters of methylisocyanide in various liquid-crystalline environments, Chem. Phys. Letters 148 (1988) 353. Erratum 150 (1988) 549
Holme, T.A. and R.D. Levine, Short-time vibrational dynamics of acetylene versus its isotopic variants 150 (1988) 393
Horn, H., R. Ahlrichs and C. Kölmel, The boranes B_3H_7 and B_6H_{14}. A theoretical investigation 150 (1988) 263
Horwitz, J.S., C.S. Dulcey and M.C. Lin, REMPI/MS detection of SiF_2 radicals by (3+1) and (1+3) photoionization 150 (1988) 165
Houston, J.E., see J.W. Rogers Jr. 150 (1988) 147
Hufnagel, P., see J.K. Vij 150 (1988) 211
Hupp, J.T., see R.L. Blackbourn 150 (1988) 399
Huppert, D., V. Ittah, A. Masad and E.M. Kosower, Fast non-exponential intramolecular electron transfer reactions in pentanediol solutions 150 (1988) 349

Hush, N.S., see H. Oevering 150 (1988) 179

Ikeda, N., M. Koshioka, H. Masuhara and K. Yoshihara, Picosecond dynamics of excited singlet states in organic microcrystals: diffuse reflectance laser photolysis study 150 (1988) 452
Ikeda, S., see T. Kanaya 150 (1988) 334
Inoue, K., see T. Kanaya 150 (1988) 334
Ishida, T., see K. Ozawa 150 (1988) 249
Ishikawa, Y., C.E. Brown, P.A. Hackett and D.M. Rayner, Interaction of alkanes with unsaturated metal centres: the complex $W(CO)_5C_2H_6$ in the gas phase 150 (1988) 506
Ito, M., see M. Fujii 150 (1988) 380
Ittah, V., see D. Huppert 150 (1988) 349

Jacobs, H., see A. Ceulemans 150 (1988) 127
Jäger, C., S. Barth and A. Feltz, ^{31}P MAS NMR study of the NASICON system $Na_{1+4y}Zr_{2-y}(PO_4)_3$ 150 (1988) 503
Janzen, E.G., see Y. Kotake 150 (1988) 199
Jayatissa, A.H., see K. Tennakone 150 (1988) 511
Jelski, D.A., Z.C. Wu and T.F. George, Large silicon clusters: confirmation of Phillips' conjecture 150 (1988) 447
Jokisaari, J., see Y. Hiltunen 150 (1988) 549
Joulakian, B., Approximate deduction rules for two-electron systems 150 (1988) 294

Kaji, K., see T. Kanaya 150 (1988) 334
Kalcher, J. and A.F. Sax, Electron affinities of the XYH_3 systems (X, Y=C, Si) 150 (1988) 99
Kalpouzos, C., D. McMorrow, W.T. Lotshaw and G.A. Kenney-Wallace, Femtosecond laser-induced optical Kerr dynamics in CS_2/alkane binary solutions 150 (1988) 138
Kanaya, T., K. Kaji, S. Ikeda and K. Inoue, Low-energy excitations in polyethylene: comparison between amorphous and crystalline phases 150 (1988) 334
Karna, S.P. and F. Grein, Franck–Condon factors for the ionization process $SiF(X^2\Pi) \rightarrow SiF^+(X^1\Sigma^+)$ 150 (1988) 171
Kasha, M., see J. Heldt 150 (1988) 433
Kassab, E., see Z.D. Hamou-Tahra 150 (1988) 86
Kaya, K., see K. Ozawa 150 (1988) 249
Keesee, R.G., see J.J. Breen 150 (1988) 231
Kekulawala, K.R.S.S., see K. Tennakone 150 (1988) 511
Kenney-Wallace, G.A., see C. Kalpouzos 150 (1988) 138
Klinowski, J., see J. Haase 150 (1988) 189
Kölmel, C., see H. Horn 150 (1988) 263
Kommandeur, J., see P.J. de Lange 150 (1988) 227
Koshioka, M., see N. Ikeda 150 (1988) 452
Kosower, E.M., see D. Huppert 150 (1988) 349
Kotake, Y. and E.G. Janzen, Detection of bimodal inclusion complexes of cyclodextrins using a deuterated spin adduct as a probe 150 (1988) 199
Kozankiewicz, B., see O. Morawski 150 (1988) 307
Krijn, M.P.C.M. and D. Feil, Accuracy of various approximations to exchange and correlation for the electron density distribution in atoms and small molecules 150 (1988) 45
Kroon, J., see A.M. Oliver 150 (1988) 366

Kundu, K., P. Phillips and P.E. Parris, Anomalous length dependence of the quantum yield in artificial photosynthetic systems 150 (1988) 174
Kunkely, H., see A. Vogler 150 (1988) 135
Kushawaha, V. and A. Michael, Relative efficiency of HgBr(B–X) formation due to collisions of N_2^+/CO^+ ions and $HgBr_2$ 150 (1988) 184

Ladik, J., see H. Orendi 150 (1988) 113
Langhals, H., Dyes with high dielectric constants 150 (1988) 321
Laperrière, S.C., see M. Larzillière 150 (1988) 461
Lapiccirella, A., see P. Lazzeretti 150 (1988) 515
Larzillière, M., S.C. Laperrière, J. Tremblay and J.-P. Moreau, Optical translational spectroscopy: predissociation of H_2 in a fast beam 150 (1988) 461
Law, K.-Y., Fluorescence lifetime and electron transfer in cyclobutenediylic dyes 150 (1988) 357
Lawrence, W., F. Okada and V.A. Apkarian, Experimental studies on photodissociation of HI in crystalline xenon 150 (1988) 339
Lazzeretti, P., R. Zanasi, T. Prosperi and A. Lapiccirella, The nuclear electromagnetic shielding approach to IR and VCD intensities: a theoretical study of ethylene oxide and cyclopropane 150 (1988) 515
Lebrilla, C.B., see M.R.A. Blomberg 150 (1988) 522
Lee, T.J., J.E. Rice, R.B. Remington and H.F. Schaefer III, The molecular structures and energetics of [7]paracyclophane and [8]paracyclophane. An investigation of the boundaries of aromaticity 150 (1988) 63
Lee, T.J. and J.E. Rice, An efficient closed-shell singles and doubles coupled-cluster method 150 (1988) 406
Lee, Y.S., see H. Sun 150 (1988) 529
Legon, A.C. and A.P. Suckley, Br nuclear quadrupole and H,Br nuclear spin–nuclear spin coupling in the rotational spectrum of H_2O...HBr 150 (1988) 153
Lesclaux, R., see P.D. Lightfoot 150 (1988) 120
Levine, R.D., see T.A. Holme 150 (1988) 393
Li, G.-N., see F.-J. Ding 150 (1988) 55
Lightfoot, P.D., B. Veyret and R. Lesclaux, The rate constant for the HO_2+HO_2 reaction at elevated temperatures 150 (1988) 120
Lim, E.C., see A. Penner 150 (1988) 243
Lin, M.C., see J.S. Horwitz 150 (1988) 165
Lotshaw, W.T., see C. Kalpouzos 150 (1988) 138
Lounila, J., see Y. Hiltunen 150 (1988) 549

Macrae, R., see B.C. Webster 150 (1988) 18
Madura, J.D. and B.M. Pettitt, Effects of truncating long-range interactions in aqueous ionic solution simulations 150 (1988) 105
Märk, T.D., see P. Scheier 150 (1988) 222
Martinez, M.T., see M. Brouard 150 (1988) 6
Masad, A., see D. Huppert 150 (1988) 349
Masuhara, H., see N. Ikeda 150 (1988) 452
Mathur, D., On the CH dication 150 (1988) 547
McMorrow, D., see C. Kalpouzos 150 (1988) 138
Meads, R.F., see J.A. Harrison 150 (1988) 299
Menghini, M., A. Montone, P. Morales, L. Nencini and P. Dore, Effects of collisions on uranium hexafluoride fluorescence 150 (1988) 204

Meyer, M., J.C. Mialocq and M. Rougée, Fluorescence lifetime measurements of the two isomers of the laser dye DCM 150 (1988) 484
Mialocq, J.C., see M. Meyer 150 (1988) 484
Michael, A., see V. Kushawaha 150 (1988) 184
Miller, R.E., see D.C. Dayton 150 (1988) 217
Misewich, J., J.H. Glownia, J.E. Rothenberg and P.P. Sorokin, Subpicosecond UV kinetic spectroscopy: photolysis of thallium halide vapors 150 (1988) 374
Mizukami, Y., see G.G. Hall 150 (1988) 23
Montone, A., see M. Menghini 150 (1988) 204
Morales, P., see M. Menghini 150 (1988) 204
Morawski, O., B. Kozankiewicz, J. Prochorow and R. Radomski, Singlet states of chemically mixed anthracene–acridine crystals 150 (1988) 307
Mordziński, A., Polyethylene as a medium for eliminating the solvent perturbation in intramolecular proton transfer systems 150 (1988) 254
Moreau, J.-P., see M. Larzillière 150 (1988) 461
Morgan, H., D.M. Taylor and O.N. Oliveira Jr., Two-dimensional proton conduction at a membrane surface: influence of molecular packing and hydrogen bonding 150 (1988) 311
Müller, P., see H.-H. Schmidtke 150 (1988) 129
Muramoto, A., K. Uchida, M. Yagi and J. Higuchi, ESR in the triplet states of isoquinoline, isoquinolinium, 1-naphthol and 1-naphtholate with parallel polarization. Observation of the proton hyperfine structure of $\Delta M_S = \pm 2$ transitions in glassy matrices 150 (1988) 325

Nakatani, Y., see H. Shimamori 150 (1988) 109
Nencini, L., see M. Menghini 150 (1988) 204
Niizuma, S., K. Akiyama and J.K.S. Wan, CIDEP studies of a radical pair produced upon excitation of the molecular complex of acridine and acridan in the solid state at room temperature 150 (1988) 429
Noga, J., see R.J. Bartlett 150 (1988) 29
Noga, J., see G.W. Trucks 150 (1988) 37

Oehme, W., see J. Haase 150 (1988) 189
Oevering, H., J.W. Verhoeven, M.N. Paddon-Row, E. Cotsaris and N.S. Hush, On a long-range exchange mechanism for energy transfer in rigid bichromophoric molecules 150 (1988) 179
Okada, F., see W. Lawrence 150 (1988) 339
Oliveira Jr., O.N., see H. Morgan 150 (1988) 311
Oliver, A.M., D.C. Craig, M.N. Paddon-Row, J. Kroon and J.W. Verhoeven, Strong effects of the bridge configuration on photoinduced charge separation in rigidly linked donor–acceptor systems 150 (1988) 366
O'Mahony, J., see M. Brouard 150 (1988) 6
Oreg, Y., see A. Penner 150 (1988) 243
Orendi, H., W. Förner and J. Ladik, Random forces, energy dissipation and soliton dynamics within the Pariser–Parr–Pople model of alternating trans-polyacetylene 150 (1988) 113
Ozawa, K., T. Ishida, K. Fuke and K. Kaya, Electronic spectrum of jet-cooled phenyl nitrene 150 (1988) 249

Packroff, R., see H.-H. Schmidtke 150 (1988) 129
Paddon-Row, M.N., see H. Oevering 150 (1988) 179
Paddon-Row, M.N., see A.M. Oliver 150 (1988) 366

Parris, P.E., see K. Kundu 150 (1988) 174
Penner, A., Y. Oreg, E. Villa, E.C. Lim and A. Amirav, Rotational effects on the S_0–T_1 oscillator strength of pyrazine 150 (1988) 243
Penzkofer, A., see W. Bäumler 150 (1988) 315
Pettitt, B.M., see J.D. Madura 150 (1988) 105
Pfeifer, H., see J. Haase 150 (1988) 189
Phillips, L.F., see J.A. Harrison 150 (1988) 299
Phillips, P., see K. Kundu 150 (1988) 174
Pizio, O.A., see I. Ruff 150 (1988) 473
Pizzoli, M., see G. Giro 150 (1988) 159
Prochorow, J., see O. Morawski 150 (1988) 307
Prosperi, T., see P. Lazzeretti 150 (1988) 515
Pulkkinen, A., see Y. Hiltunen 150 (1988) 549
Punchihewa, S., see K. Tennakone 150 (1988) 511

Radomski, R., see O. Morawski 150 (1988) 307
Rao, B.K. and E. Blaisten-Barojas, New potentials for Si_2^+ 150 (1988) 259
Rayner, D.M., see Y. Ishikawa 150 (1988) 506
Remington, R.B., see T.J. Lee 150 (1988) 63
Rice, J.E., see T.J. Lee 150 (1988) 63
Rice, J.E., see T.J. Lee 150 (1988) 406
Robiette, A.G., see Q. Zhu 150 (1988) 181
Rogers Jr., J.W., R.R. Rye and J.E. Houston, The carbon Auger lineshape of *t*-stilbene and 2,4,6,2′,4′,6′-hexanitrostilbene 150 (1988) 147
Rothenberg, J.E., see J. Misewich 150 (1988) 374
Rougée, M., see M. Meyer 150 (1988) 484
Rubin, M.B., see S. Speiser 150 (1988) 177
Rudra, J.K., see M.F. Herman 150 (1988) 535
Ruff, I., A. Baranyai and O.A. Pizio, Modeling molten CuCl and AgI in the mean spherical approximation 150 (1988) 473
Rye, R.R., see J.W. Rogers Jr. 150 (1988) 147

Salter, E.A., see G.W. Trucks 150 (1988) 37
Samarasinghe, S. and D.L. Snavely, Vibrational overtone activation of methylcyclopropene 150 (1988) 386
Sarkar, B. and K. Bhattacharyya, On the Padé method for sequence acceleration and calculation of Madelung constants 150 (1988) 419
Sax, A.F., see J. Kalcher 150 (1988) 99
Schaefer III, H.F., see T.J. Lee 150 (1988) 63
Schatz, G.C., Quantum reactive scattering using hyperspherical coordinates: results for $H+H_2$ and $Cl+HCl$ 150 (1988) 92
Scheier, P., G. Walder, A. Stamatovic and T.D. Märk, Appearance size and appearance energy of doubly and triply charged ammonia clusters 150 (1988) 222
Schmidtke, H.-H., R. Packroff, W. Bronger and P. Müller, An optical investigation of the alkalithioferrate chain compounds $AFeS_2$ and $CsGa_{1-x}Fe_xS_2$ 150 (1988) 129
Schmitz, L., see R.F. Wuerker 150 (1988) 443
Schneider, R. and W. Domcke, S_1–S_2 conical intersection and ultrafast $S_2 \rightarrow S_1$ internal conversion in pyrazine 150 (1988) 235

Schouten, J.A., see L.C. van den Bergh 150 (1988) 478
Shimamori, H. and Y. Nakatani, Rate constants for thermal electron attachment to CF_3I, CH_3I, C_2H_5I, 1-C_3H_7I and 2-C_3H_7I determined between 250 and 350 K 150 (1988) 109
Siegbahn, P.E.M., see M.R.A. Blomberg 150 (1988) 522
Simons, J.P., see M. Brouard 150 (1988) 6
Snavely, D.L., see S. Samarasinghe 150 (1988) 386
Sorokin, P.P., see J. Misewich 150 (1988) 374
Speiser, S. and M.B. Rubin, Comment on "Long-range exchange contribution to singlet–singlet energy transfer in a series of rigid bichromophoric molecules", Chem. Phys. Letters 143 (1988) 488 150 (1988) 177
Spiess, H.W., see Y. Yang 150 (1988) 1
Stamatovic, A., see P. Scheier 150 (1988) 222
Strauss, P., see R.F. Wuerker 150 (1988) 443
Suckley, A.P., see A.C. Legon 150 (1988) 153
Sun, H., Y.S. Lee and K.F. Freed, Dipole moment functions of OH by ab initio effective valence shell Hamiltonian method 150 (1988) 529
Šurkus, A.A., The potential energy function for the ground state of CCl^+ calculated from spectroscopic data 150 (1988) 416
Suzer, S. and L. Andrews, Matrix infrared study of low energy electron and alkali cation impact on CCl_4 150 (1988) 13

Taylor, D.M., see H. Morgan 150 (1988) 311
Tennakone, K., A.H. Jayatissa, K.R.S.S. Kekulawala and S. Punchihewa, Photoreduction of water and nitrogen with hydrous cuprous oxide 150 (1988) 511
Thrush, B.A., see Q. Zhu 150 (1988) 181
T'ok, V.N., see I.D. Feranchuk 150 (1988) 78
Tondre, C., see A. Belmajdoub 150 (1988) 194
Tremblay, J., see M. Larzillière 150 (1988) 461
Trucks, G.W., E.A. Salter, J. Noga and R.J. Bartlett, Analytic many-body perturbation theory MBPT(4) response properties 150 (1988) 37
Tzeng, W.-B., see J.J. Breen 150 (1988) 231

Uchida, K., see A. Muramoto 150 (1988) 325

Van den Bergh, L.C. and J.A. Schouten, The phase behaviour of the system He–N_2 related to the phase diagram of pure N_2 150 (1988) 478
Van den Berg, R. and S. Völker, Optical dephasing and high-resolution spectroscopy of Eu^{3+} in organic glasses and polymers between 0.3 and 4.2 K 150 (1988) 491
Van Leeuwen, P.A. and M. Glasbeek, Temperature dependence of the phosphorescence decay of O_2 in calcium oxide 150 (1988) 469
Van Zee, R.J. and W. Weltner Jr., Isovalent transition metal diatomic molecules: ScNi, ScPd, YNi, YPd 150 (1988) 329
Veenstra, B.R., see P.J. de Lange 150 (1988) 227
Verhoeven, J.W., see H. Oevering 150 (1988) 179
Verhoeven, J.W., see A.M. Oliver 150 (1988) 366
Vervloet, M., see B. Hemmerling 150 (1988) 464
Veyret, B., see P.D. Lightfoot 150 (1988) 120

Vij, J.K. and P. Hufnagel, A high-frequency rotational mode in acetonitrile and methyl iodide in dilute solutions 150 (1988) 211
Villa, E., see A. Penner 150 (1988) 243
Vogler, A. and H. Kunkely, Absorption and emission spectra of tetrameric gold(I) complexes 150 (1988) 135
Völker, S., see R. van den Berg 150 (1988) 491

Walder, G., see P. Scheier 150 (1988) 222
Walther, P., see W. Gründler 150 (1988) 275
Wan, J.K.S., see S. Niizuma 150 (1988) 429
Webster, B.C. and R. Macrae, On the interpretation of muon spin rotation and level-crossing resonance observations the muonic ethyl radical 150 (1988) 18
Weltner Jr., W., see R.J. van Zee 150 (1988) 329
Wierzbicki, A., see J.M. Bowman 150 (1988) 269
Wilde, R.E., see Q. Feng 150 (1988) 424
Wu, Z.C., see D.A. Jelski 150 (1988) 447
Wuerker, R.F., L. Schmitz, T. Fukuchi and P. Strauss, Lifetime measurements of the excited states of N_2 and N_2^+ by laser-induced fluorescence 150 (1988) 443

Yagi, M., see A. Muramoto 150 (1988) 325
Yang, Y., A. Hagemeyer, B. Blümich and H.W. Spiess, 2D magic angle spinning NMR spectroscopy: correlation between molecular order and dynamics 150 (1988) 1
Yoshihara, K., see N. Ikeda 150 (1988) 452
Young, V.Y., see J.G. Davis Jr. 150 (1988) 82

Zanasi, R., see P. Lazzeretti 150 (1988) 515
Zare, R.N., see R. Zenobi 150 (1988) 361
Zenobi, R., J.H. Hahn and R.N. Zare, Surface temperature measurement of dielectric materials heated by pulsed laser radiation 150 (1988) 361
Zhang, L.-F., see F.-J. Ding 150 (1988) 55
Zhu, Q., B.A. Thrush and A.G. Robiette, Local mode rotational structure in the (3000) Ge–H stretching overtone ("$3\nu_3$") of germane 150 (1988) 181
Zúñiga, J., see J.M. Bowman 150 (1988) 269